

**Providing Innovative Drilling Solutions** 

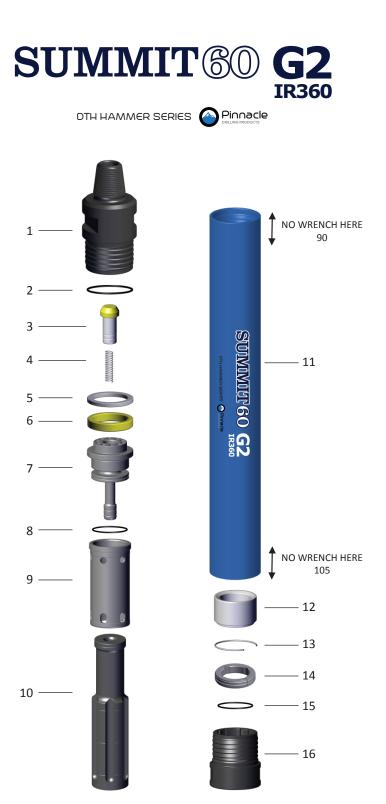
Technical Data		
Shoulder to shoulder Length (Less Bit)	1218.5mm	47.97″
Weight (Less Bit)	104.2kg	230lbs
External Diameter	142mm	5.59"
Bit Shank	IR360	
Hole Range	152-219mm	
Connection Thread	API 3-1/2 Reg	

## Air Consumption

PSI	C.F.M.	BAR	M³/min
150	440	10.3	12.5
200	578	13.8	16.5
250	700	17.2	19.8
300	883	20.7	25.2
350	1050	24.1	29.7

## Description

- la Top Sub (API-3 1/2" Reg)
- 2 Top Sub O-ring
- 3 Check Valve
- 4 Check Valve Spring
- 5 Spacer Ring
- 6 Make Up Ring
- 7 Air Distributor
- 8 Air Distributor O-Ring
- 9 Cylinder
- 10 Piston
- 11 Case
- 12 Bearing
- 13 Stop Ring
- 14 Bit Retainer Ring
- 15 Bit Retainer O-ring
- 16 Driver Chuck



According to your request, the top sub can be made into two spanners, and come with protection buttons. An air controlling hole can be drilled on the valve to provide more efficient cuttings discharge.